

## NEW SUPRAGENERIC NAMES FOR VASCULAR PLANTS

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### ABSTRACT

Five suprageneric names in current use are validated formally:  
Peridiscales, Ixerbaceae, Lophiocarpaceae, Saccolomataceae, and Stixaceae.  
*Phytologia* 90(3): 416-417 (December, 2008).

**KEY WORDS:** Peridiscales, Ixerbaceae, Lophiocarpaceae, Saccolomataceae,  
Stixaceae

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An unanticipated delay in publication by Doweld of a summary of the classification of plants in a broad sense requires publication of five suprageneric names presently in current use (Thorne & Reveal 2007; Smith et al. 2006) so that they might be used. Justification and placement of these taxa are found in the above publications.

### **Peridiscales Doweld, ord. nov.**

Based on a full and direct reference to the description in Latin associated with *Peridiscaceae* Kuhlm. in Arq. Serv. Florest. 3: 4. 1950, *nom. cons.*

### **Ixerbaceae Griseb. ex Doweld & Reveal, fam. nov.**

Arbor glabra, ramis teretibus rugosis; folia opposita, alterna et subverticillata, coriacea, sempervirentia, lineari-elongata, glanduloso-serrata; flores 5-merus, in panicula brevi pauciflora axillari; ovarium superium, 5-lobum, 5-loculare, styli 5; capsula coriacea, dehiscens loculicide, semina 1-2 per loculum.

### **Lophiocarpaceae Doweld & Reveal, fam. nov.**

Frutex vel herbae; folia alterna sessilia linearia, integerrima; flores hermaphroditici virides in spicis; bracteae et bracteolae rhachidis persistentes

membranaceae; perianthium 5-partitum cum segmentis herbaceis persistentibus in fructu immutatis; ovarium superum substipitatum, stigmata 3-4; semina erecta.

**Saccolomataceae Doweld, fam. nov.**

Herbae terrestres, rhizomata repentes vel erecta aliquantum truncata; fila vascularia petioli  $\omega$ -formia; laminae pinnatae vel decompositae, articuli pilorum nulli, venae discretae; sori in venis; indusia scerotiformia vel cyathiformia.

**Stixaceae Doweld, fam. & stat. nov.**

Basionym: *Stixeae* Hallier in Beih. Bot. Centralbl. 39: 26. 1923.

**ACKNOWLEDGEMENTS**

I wish to thank Billie Turner (TEX) and Guy Nesom for reviewing the paper. I am especially gratefully for Nesom's thorough review of the Latin.

**LITERATURE CITED**

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Thorne, R. F. and J. L. Reveal. 2007. An updated classification of the class *Magnoliophyta* ("Angiospermae"). *Bot. Rev.* 73: 67-181.